



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Toshiro HAYAKAWA

Appln. No.: 09/779,586

Confirmation No.: 6818

Filed: February 09, 2001

Docket No: Q61222

Group Art Unit: 2828

Examiner: Cecil B. Harmon

TECHNOLOGY CENTER 2800

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For: LASER APPARATUS INCLUDING SURFACE-EMITTING SEMICONDUCTOR
EXCITED WITH SEMICONDUCTOR LASER ELEMENT, AND DIRECTLY
MODULATED

AMENDMENT UNDER 37 C.F.R. § 1.111

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated November 6, 2002, please amend the above-
identified application as follows:

IN THE CLAIMS:

Please cancel claim 10 without prejudice or disclaimer.

Please enter the following amended claims:

1. (Amended) A laser apparatus comprising:
- a semiconductor laser element which emits first laser light having a first wavelength;
 - a surface-emitting semiconductor element which is excited with said first laser light,
- emits second laser light having a second wavelength which is longer than said first wavelength,
- and has an active layer and a first mirror arranged on one side of said active layer;